IN THE CLAIMS

1.   (Previously Amended) A method for embedding a digital signature in an MPEG stream, said method comprising modifying the program clock reference (PCR) field of a transport stream packet, by logically anding off a portion of the lower bits of said PCR field, said PCR field including time stamp information, and replacing said portion with all or a part of said digital signature.

2.   (Original) The method of claim 1 wherein said digital signature may span a plurality of PCR fields in a plurality of packets.

3.   (Original) The method of claim 1 wherein said digital signature is encrypted to produce an encrypted signature.

4.   (Original) The method of claim 3 wherein said encrypted signature is scrambled to provide for error correction.

5.   (Previously Amended) A system for embedding a digital signature in an MPEG stream, said system comprising logical means for modifying the PCR field of a transport stream packet, by logically anding off a portion of the lower bits of said PCR field, said PCR field including time stamp information and replacing said portion with all or a portion of said digital signature.

6.   (Original) The system of claim 5 wherein said digital signature may span a plurality of PCR fields in a plurality of packets.

7.   (Original) The system of claim 5 wherein said digital signature is encrypted to produce an encrypted signature.

8.   (Original) The system of claim 7 wherein said encrypted signature is scrambled to provide for error correction.

9.   (Canceled)

10.   (Canceled)

11.   (Canceled)

12.   (Canceled)

13.   (Canceled)

14.   (Canceled)

15.   (Previously Amended) A system for embedding a digital signature in an MPEG stream, the system comprising:

        means for identifying a program clock reference (PCR) field of a transport stream packet;

        means for modifying a portion of the lower bits of the PCR field;

        means for replacing the portion of the lower bits of the PCR field with all or a part of the digital signature.

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